

Date: Sat, 17 Apr 93 11:31:04 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #476  
To: Info-Hams

Info-Hams Digest Sat, 17 Apr 93 Volume 93 : Issue 476

## Today's Topics:

30 second Terrain Dbase, where?

## ARRL BULLETIN 43 ARLB043

## ARRL BULLETIN 44 ARLB044

## ARRL BULLETIN 45 ARLB045

Earmics, motorcycles (2 msgs)

Indonesian Amateur Radio Organization/West Java

Size TS50 packing

VK2WT Weekly News - 18th April 1993

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>

Send subscription requests to: <Info-Hams-REQUEST@UCSD.EDU>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 17 Apr 93 00:17:17 CDT  
From: news.cerf.net!pagesat!ukma!netnews.louisville.edu!wkuvx1!  
martija@network.UCSD.EDU  
Subject: 30 second Terrain Dbase, where?  
To: info-hams@ucsd.edu

Does anyone know where to get the 30 second USGS Terrain DataBase via FTP? How about a HAAT Utility or a coverage plotter based on freq, ERP and HAAT?

Thanks,  
Jeff Martin, N5KOL  
MARTIJA@WKUVX1.BITNET

-----  
Date: 17 Apr 93 05:01:01 GMT  
From: ogicse!uwm.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!  
bulletin@network.UCSD.EDU  
Subject: ARRL BULLETIN 43 ARLB043  
To: info-hams@ucsd.edu

=====| Automatic relayed from packet radio via |  
| N8EMR's Ham BBS, 614-895-2553 |  
=====

ZCZC AG84  
QST DE W1AW  
ARRL BULLETIN 43 ARLB043  
FROM ARRL HEADQUARTERS NEWINGTON CT  
APRIL 16, 1993  
RELAYED BY KB8NW/OBS & BARF-80 BBS  
TO ALL RADIO AMATEURS

SB QST ARL ARLB043  
ARLB043 RF EFFECTS DOCKET

THE FCC HAS RELEASED A NOTICE OF PROPOSED RULE MAKING TO UPDATE  
GUIDELINES AND METHODS USED FOR EVALUATING THE ENVIRONMENTAL  
EFFECTS OF RADIOFREQUENCY RADIATION, BASED ON NEW RF EXPOSURE  
STANDARDS ADOPTED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE,  
IN CONJUNCTION WITH THE INSTITUTE OF ELECTRONIC AND ELECTRICAL  
ENGINEERS, IN 1992.

IN 1985 THE FCC ADOPTED 1982 ANSI GUIDELINES, WHICH RESULTED IN  
SOME TRANSMITTING FACILITIES BEING REQUIRED TO PREPARE AN  
ENVIRONMENTAL ASSESSMENT IF THEY WOULD EXPOSE HUMANS TO RF LEVELS  
GREATER THAN THOSE RECOMMENDED BY THE GUIDELINES. UNDER THE 1985  
GUIDELINES MANY LOW-POWER, INTERMITTENT, OR NORMALLY INACCESSIBLE  
RF FACILITIES WERE EXCLUDED FROM THE FCC'S RULES, INCLUDING AMATEUR  
RADIO STATIONS.

THE NEW, 1992 ANSI GUIDELINES IN MANY RESPECTS ARE MORE RESTRICTIVE  
IN THE AMOUNT OF RF PERMITTED AND THEY ALSO EXTEND THE FREQUENCY  
RANGE UNDER CONSIDERATION FROM 3 KHZ TO 300 GHZ. THE NEW  
GUIDELINES ALSO SPECIFY TWO SETS OF EXPOSURE RECOMMENDATIONS, ONE  
FOR "CONTROLLED ENVIRONMENTS" (USUALLY INVOLVING WORKERS) AND ONE  
FOR "UNCONTR LLED ENVIRONMENTS" (USUALLY INVOLVING THE GENERAL  
PUBLIC).

HAND-HELD DEVICES ARE TREATED FOR THE FIRST TIME IN THE NEW ANSI

GUIDELINES. THE 1982 GUIDELINES INCLUDED EXCLUSIONS FOR DEVICES THAT DID NOT EXCEED A ''SPECIFIC ABSORPTION RATE'' (SAR) OR WHOSE INPUT WAS 7 WATTS OR LESS. THE 1992 GUIDELINES ALSO CONTAIN LOW-POWER EXCLUSIONS, BUT THEY ARE MORE STRINGENT AND COULD REQUIRE MANUFACTURERS TO DEMONSTRATE COMPLIANCE WITH SAR REQUIREMENTS.

THE COMMENT DATE IN THIS DOCKET, ET 93-62, IS AUGUST 13, 1993.  
THE REPLY COMMENT DATE IS SEPTEMBER 13, 1993.

NNNN

-----  
Date: Sat, 17 Apr 93 05:01:02 GMT  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!  
bulletin@ames.arpa  
Subject: ARRL BULLETIN 44 ARLB044  
To: info-hams@ucsd.edu

=====| Automatic relayed from packet radio via |  
| N8EMR's Ham BBS, 614-895-2553 |  
=====

ZCZC AG85  
QST DE W1AW  
ARRL BULLETIN 44 ARLB044  
FROM ARRL HEADQUARTERS NEWINGTON CT  
APRIL 16, 1993  
RELAYED BY KB8NW/OBS & BARF-80 BBS  
TO ALL RADIO AMATEURS

SB QST ARL ARLB044  
ARLB044 PROPOSAL FOR 902 MHZ

THE FCC HAS ISSUED ITS NOTICE OF PROPOSED RULE MAKING TO ALLOW THE EXPANSION OF AUTOMOTIVE VEHICLE MONITORING (AVM) SYSTEMS THROUGH THE CREATION OF A NEW LOCATION AND MONITORING SERVICES (LMS) IN THE 902-928 MHZ BAND.

THE NPRM, IN PR DOCKET 93-61, WOULD MAKE MORE USERS ELIGIBLE FOR LMS SERVICES AS WELL AS MAKING PRIVATE CARRIERS ELIGIBLE FOR LICENSES. THE FCC NOTES THAT THIS EXPANSION ''COULD LEAD TO RAPID CONGESTION OF AVAILABLE SPECTRUM.''

AMATEURS CURRENTLY SHARE THIS BAND WITH GOVERNMENT RADIOLOCATION, FIXED, AND MOBILE SERVICES. THE FCC NOTES THAT INTERFERENCE FROM ALL OF THESE SERVICES, INCLUDING AMATEUR, TO THE EXPANDED LSM SYSTEMS IS POSSIBLE.

THE FCC ALSO ASKS FOR COMMENTS FROM POTENTIAL LMS USERS ON WHETHER ''THEY BELIEVE IT POSSIBLE TO ESTABLISH RELIABLE LMS SYSTEMS CONSIDERING THE NUMBER AND DIVERSITY OF OTHER USERS OF THIS BAND.

''IF NOT, COMMENTERS SHOULD OFFER POTENTIAL SOLUTIONS, SUCH AS REMOVING PART 15 USERS AND AMATEUR OPERATIONS FROM THE BAND, RESTRICTING WHERE SUCH USERS COULD OPERATE IN THE BAND, OR PLACING STRICTER LIMITATIONS ON THE OPERATIONS IN THIS BAND, '' THE NPRM SAYS.

THE COMMENT DATE IS JUNE 29, 1993. REPLY COMMENT DATE IS JULY 14, 1993.

NNNN

---

Date: Sat, 17 Apr 93 05:01:02 GMT  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!mstar!n8emr!  
bulletin@ames.arpa  
Subject: ARRL BULLETIN 45 ARLB045  
To: info-hams@ucsd.edu

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| Automatic relayed from packet radio via |  
| N8EMR's Ham BBS, 614-895-2553 |  
=====

ZCZC AG86  
QST DE W1AW  
ARRL BULLETIN 45 ARLB045  
FROM ARRL HEADQUARTERS NEWINGTON CT  
APRIL 16, 1993  
RELAYED BY KB8NW/OBS & BARF-80 BBS  
TO ALL RADIO AMATEURS

SB QST ARL ARLB045  
ARLB045 HF DIGITAL RULES

THE FCC TODAY ISSUED A PUBLIC NOTICE ON THE ARRL PROPOSAL FOR RULEMAKING REGARDING DIGITAL RULES FOR THE AMATEUR HIGH FREQUENCY BANDS. THE PROCEEDING, WHICH BEARS THE FILE NUMBER RM-8218, ORIGINATED WITH SUBMISSION OF THE REQUEST BY THE LEAGUE ON FEBRUARY 1, 1993. A SYNOPSIS APPEARS ON PAGE 82, QST FOR MARCH. COPIES OF THE 36 PAGE PAPER MAY BE OBTAINED FROM THE REGULATORY INFORMATION BRANCH AT ARRL HEADQUARTERS. A LARGE SELF-ADDRESSED ENVELOPE BEARING SIX UNITS OF FIRST-CLASS POSTAGE WILL SPEED THE REPLY.

INTERESTED PARTIES MAY FILE A STATEMENT WITH THE FCC, WASHINGTON DC 20554 BY MAY 17. REPLIES TO THE COMMENTS OF OTHERS ARE ACCEPTED UNTIL JUNE 1. THE COMMISSION REQUIRES AN ORIGINAL AND FOUR COPIES OF THE DOCUMENTS FOR FORMAL PARTICIPATION, BUT WILL ACCEPT AN ORIGINAL AND ONE COPY AS INFORMAL COMMENTS FROM THE PUBLIC. IN EITHER CASE, A CERTIFICATE OF SERVICE MUST ACCOMPANY THE COMMENTS, SHOWING THAT A COPY HAS BEEN MAILED TO THE ORIGINAL PETITIONER, THE ARRL IN THIS INSTANCE. FOR REPLY COMMENTS, A COPY SIMILARLY IS REQUIRED FOR EACH RESPONDENT ON WHOSE DOCUMENT ONE IS COMMENTING.

NNNN

-----  
Date: Sat, 17 Apr 1993 13:38:48 GMT  
From: saimiri.primate.wisc.edu!eng.ufl.edu!usenet.ufl.edu!gatech!concert!uvaarpa!  
murdoch!livia.acs.Virginia.EDU!jeg7e@ames.arpa  
Subject: Earmics, motorcycles  
To: info-hams@ucsd.edu

In article <Dmu52B2w164w@ham.almanac.bc.ca> emd@ham.almanac.bc.ca writes:  
>(All right, I drilled one small 1/8 in hole in the helmet. I also made  
>sure the hole >was clean, no burrs, etc.)

Unfortunately you have critcialy compromised the helmets integrity.

>I've had it this way for about five years, now.

It should work fine, until you need the helmet to serve it's primary purpose, at which point it is somewhat likely that your melon will burst.

:(  
--

P.S. Did you know that you're not supposed to even put stickers or any paint on a helmet? The resins used react unfavorably with many of these compounds.

These opinions may not be unique, and they may not express the views of U.Va.

-----  
| Jon Gefaell, Computer Systems Engineer \ /--- | SILENCE = DEATH  
| Security and Technology Planning R&D \ / / | Hate is \*NOT\*  
| I.T.C. Administrative Computing Services \ / / | a Family Value!  
| The University, UVA. Carruthers Hall \/\ / | -----  
~~~~~\~/~~~~~ 73 de KD4CQY

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Date: Sat, 17 Apr 93 09:46:01 PDT  
From: usc!elroy.jpl.nasa.gov!swrinde!zaphod.mps.ohio-state.edu!rphroy!caen!  
destroyer!cs.ubc.ca!mala.bc.ca!oneb!ham!emd@network.UCSD.EDU  
Subject: Earmics, motorcycles  
To: info-hams@ucsd.edu

jeg7e@livia.acs.Virginia.EDU (Jon Gefaell) writes:

> In article <Dmu52B2w164w@ham.almanac.bc.ca> emd@ham.almanac.bc.ca writes:  
> >(All right, I drilled one small 1/8 in hole in the helmet. I also made  
> >sure the hole >was clean, no burrs, etc.)  
>  
> Unfortunately you have critically compromised the helmets integrity.  
>

Nonsense. The hole is near the edge of the helmet shell, and the same size as the hole made in the shell by the manufacturer to mount the snaps for the faceshield. You are vastly over-reacting.

> >I've had it this way for about five years, now.  
>  
> It should work fine, until you need the helmet to serve it's primary purpose, at which point it is somewhat likely that your melon will burst.  
Nonsense again. If a small hole at the perimeter of the helmet would cause it to fail, why would the manufacturers use them?

>  
> :(  
>  
> P.S. Did you know that you're not supposed to even put stickers or any paint on a helmet? The resins used react unfavorably with many of these compounds.  
>

This is far more an urban myth than fact. While it's true some paints can damage poly carbonate helmet shells, there's no evidence that I've ever seen or read of that shows failure due to paint or decals. And fibreglas helmets like the Bell Star won't be affected in any case.

Robert Smits                                          There is \*no\* idiotproof filter.  
VE7EMD                                                Idiots are proof against anything!  
Ladysmith B.C.                                        - Richard Chycoski, VE7CVS  
e-mail: emd@ham.almanac.bc.ca

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Date: Sat, 17 Apr 1993 15:30:59 GMT  
From: pipex!uknet!mcsun!sun4nl!sun2.iend.wau.nl!PVGAST%rcl.wau.nl@uunet.uu.net

Subject: Indonesian Amateur Radio Organization/West Java  
To: info-hams@ucsd.edu

Does anyone know where the address of Indonesian Amateur Radio Organization,  
call area one ? Many thanks in advance.

Eri Sofiari-YC1EOU  
PVGAST@RCL.WAU.NL

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Date: Sat, 17 Apr 93 08:37:31 GMT  
From: pipex!uknet!mcsun!sun4nl!bsoatr!bsdihi!dih@uunet.uu.net  
Subject: Size TS50 packing  
To: info-hams@ucsd.edu

On my question about importing a TS50 from the states I got a lot of reactions. The most attractive ones suggested to buy a cheap ticket to Florida and buy the equipment there. From the money saved it was suggested to spend it as a holliday.... Creative!

The most practical option is to let somebody buy the set in the US and have it shipped over. To find out what the shipping fare will be I need to know the size and weight of a TS50 in its original packing.

So, who just bought one and help me out with this question?  
Thanks,

Dick Hissink PA3DSP  
Email:dih@bsdihi.atr.bso.nl

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Date: Sat, 17 Apr 93 10:22:38 GMT  
From: munnari.oz.au!metro!ipso!runxtsa!richardm@network.UCSD.EDU  
Subject: VK2WI Weekly News, 18th April 1993  
To: info-hams@ucsd.edu

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VK2WI Weekly News Bulletin

for

18th April 1993

#### THE MAJOR NEWS ITEMS THIS WEEK

Did You Get Your Annual Report?  
Meet the Candidates  
Ballot Papers for Council Elections  
Uganda on the Air  
Fox Hunting on TV  
ARSENE Undergoing Pre-Launch Checks  
Power Games

#### DIVISIONAL NEWS

The Division's Annual Report for 1992 was inserted into the April issue of "Amateur Radio" magazine, mailed to members before Easter. However, it seems that the Annual Report missed being inserted in some members' copies of "AR".

If you did not receive an Annual Report with your "AR", please WRITE to or FAX the Divisional Office, and a copy will be sent out to you.

Write to PO Box 1066, Parramatta, NSW 2124, or send your fax to (02) 633-1525.

#### MEET THE CANDIDATES

At the Divisional Council meeting of 15th April, it was resolved that a "hustings", would be held at which members could meet candidates for the next Divisional Council.

The meeting will be held at Amateur Radio House this Wednesday evening, 21st April, during the normal opening hours of 7 to 9pm. This is your chance to better understand and discuss the policies of the candidates; we urge all members to take advantage of this opportunity.

#### BALLOT PAPERS FOR COUNCIL ELECTIONS

The ballot papers for the election of Divisional Councillors for 1993-94 have been prepared by the Returning Officer, Peter O'Connell VK2EMU, and will be posted to members over this coming week.

The posting of ballot papers was advised on page one of your Annual Report, which was inserted in the April issue of "AR" magazine, posted to members the week before Easter.

Please read the instructions carefully, and make sure you understand them, before filling out the ballot paper and returning it.

You must register a vote for NINE candidates -- no more, no less -- else your ballot paper will be declared invalid.

The full agenda for the Annual General Meeting of the Division is included with the mailing.

Just a reminder -- the AGM will be held on Sunday, the 9th of May, at Amateur Radio House, 109 Wigram Street, Parramatta, commencing at 2.00 pm.

(The Divisional News items this week were from Bob Lloyd-Jones VK2YEL, Divisional Secretary)

The next Divisional Council meeting will be after the AGM, on Friday 14th May.

#### DX NEWS

Paul VK6PY tells us (via Daron Cook VK2MMR) that Ugandan station Bruno 5X1A will be looking for VK and ZL contacts on 10 metres, this evening (18th April), and possibly next Sunday the 25th.

Bruno will be active on a frequency of 28.380 MHz, starting from 0930 UTC. His QSL information is Box 3316, Kampala, Uganda.

African stations tend to be a bit rare on the bands, and those specifically looking out for VKs even more so. Once again, look out for Bruno 5X1A, this evening, and possibly next Sunday evening, starting at 0930 UTC (7:30pm local

time) on a frequency of 28.380 MHz.

-- Thanks to Daron VK2MMR for that DX tip

#### GROWTH IN JAPANESE AMATEURS

The number of Amateur Radio operators in Japan had reached almost one and a quarter million by September last year. With 1,242,550 stations licensed, Amateurs represented nearly one-sixth of all radio and communications stations licensed in Japan at the time.

In the three months between June and September, the number of Amateur licensees grew by 20,336 - that's more than the total Amateur population of Australia!

-- Roger Harrison VK2ZTB

#### FOX-HUNTING ON TV

The publicised fox hunting feature on Channel 9's Wide World of Sports (Sports Sunday) program has been deferred nearly as often as the STS-55 mission... Andrew VK3KIR tells us the segment will probably go to air next weekend.

The seven and a half minute segment sounds rather tongue in cheek, as it features a stuffed fox named Basil who comically appears in quite a few shots, checking out what the VK3s get up to.

For up-to-date information, call contact Andrew VK3KIR on (018) 354-644.

#### SPACE NEWS

Bernard F6BVP reports that the ARSENE satellite is undergoing pre-flight tests at the European Space Agency Space Centre in Kourou, French Guiana. The Radio Amateur Club de l'Espace team members Gerard F6FAO and Didier F6GXY are assisting ESA engineers during integration phase.

The satellite is scheduled for launch on 30 April, between 00:52 UTC and at 01:50 UTC.

Bill Magnusson VK3JT will have details on ARSENE, in his AMSAT column of "Amateur Radio" magazine.

-- Bernard F6BVP

#### POWER GAMES

Colin VK2DYM tells us that a recent FCC survey of the homes of a number of American Amateurs revealed local field strengths of up to 9 volts/meter. Colin say these levels should be enough to keep the neighbours warm all winter!!

Manufacturers and importers of electronic consumer goods are using the survey findings to lobby for reduced Amateur power levels, so they don't have to do so much on EMI suppression for their products. They're pushing for maximum field strengths of no more than 0.9 v/meter, which corresponds to an Amateur power level of only 10 Watts.

Meanwhile, ARRL Bulletin number 40 reports that the American Federal Communications Commission turned down an Amateur's request to run more than the legal power limit. Dale Gagnon KW1I had applied to operate on AM at a PEP power more than 1,500 Watts output.

In denying the request, the FCC said that Gagnon had "not shown that his circumstances are unique nor [had he] presented any facts that would warrant a waiver."

#### WICEN NEWS

Don't forget that WICEN renewals are now due, and you must renew by 30th September, otherwise your membership will expire.

WICEN Sydney South meets on Tuesday, and WICEN Sydney North's AGM is on Wednesday at Ku-Ring-Gai SES. Please note that there is a "typo" in the Sydney North posting; the AGM is on the 21st, not the 20th as indicated.

On Anzac Day 25th April, Hunter WICEN will be providing communications assistance for the Newcastle Anzac Day Parade. Alan Hargreaves VK2KVF is coordinating this event, to provide the safety and communications net. Please contact Alan on (049) 52-5322 if you can assist.

Looking ahead, the annual Goulburn Conference is on the weekend of 15-16th May, and all WICEN personnel are invited to attend. Also on the same weekend is a Car Rally in the Central Coast area, and Dave VK2UDT is looking for volunteers.

A Disaster Management Course is on the weekend of 22nd-23rd May, for which Barry VK2AAB is taking applications.

WICEN is always looking for members to provide the community with communications assistance when required. Write to WICEN (NSW) Inc, PO Box 123, St Leonards 2065; or come up on the regular Sydney WICEN net, on Thursday nights at 9.30pm on repeater 7150.

-- Dave VK2KFU, WICEN Publicity Officer

#### IPS WEEKLY REPORT

8 April - 15 April 1993

Issue no.: 16

Date of issue: 16 April 1993

| Date | 08  | 09  | 10  | 11  | 12  | 13 | 14 | 15        |
|------|-----|-----|-----|-----|-----|----|----|-----------|
| 10cm | 143 | 136 | 126 | 119 | 103 | 97 | 92 | 88        |
| A    | 19  | 21  | 17  | 09  | 14  | 19 | 17 | (23 est.) |
| T    | 97  | 80  | 103 | 85  | 97  | 84 | 53 | 46        |

#### Summary of activity

Solar activity was very low to low over the entire period.

The geomagnetic field at Learmonth (WA) was quiet to active on 8th April, quiet to minor storm levels on the 9th, unsettled to active on the 10th. Conditions were quiet to unsettled on the 11th, quiet on the 12th, at active to minor storm levels on the 13th, unsettled on the 14th, and quiet

to active on the 15th.

Ionospheric F2 critical frequencies at Sydney were near predicted levels on the 8th and 9th, enhanced by up to 30 per cent early on the 10th, then near normal again on the 11th and 12th. They were near normal on the 13th until dawn, when depressions of up to 30 per cent were observed through to the end of the period.

Strong spread F was observed at night on the 9th, and again during night on the 10th.

#### Forecast for the next week (16 - 22 April)

Solar: Low until the 19th, then low to moderate.

Geomagnetic: Unsettled to active on the 16th. Active to minor storm levels on the 17th and 18th. Quiet to unsettled thereafter.

Ionospheric: Frequencies depressed by 5-20 per cent on the 16th, depressed 10-30 per cent on the 18th and 19th. Near predicted monthly values otherwise.

-- Courtesy of IPS Radio and Space Services

#### COMING EVENTS

|                                                     |                  |
|-----------------------------------------------------|------------------|
| Royal Naval ARC meeting . . . . .                   | MONDAY           |
| Gladesville ARC Annual General Meeting . . . . .    | MONDAY           |
| WICEN Sydney South meeting . . . . .                | TUESDAY          |
| WICEN Sydney North AGM . . . . .                    | WEDNESDAY        |
| "Meet the Candidates" at Parramatta . . . . .       | WEDNESDAY        |
| WIA (NSW) Divisional Council meeting . . . . .      | THURSDAY         |
| International Marconi Day . . . . .                 | SATURDAY         |
| ANZAC Day . . . . .                                 | SUNDAY           |
| Newcastle ANZAC Day Parade (WICEN) . . . . .        | SUNDAY           |
| Sydney Hills District classes begin . . . . .       | 27 April         |
| STS-57 "Endeavour" (SAREX) active . . . . .         | 28 April - 5 May |
| ARSENE Amateur Satellite scheduled launch . . . . . | 30 April         |
| St George ARC exam applications close . . . . .     | 30 April         |
| Mid South Coast ARC meeting . . . . .               | 1 May            |
| WIA (NSW) Annual General Meeting . . . . .          | 2 May            |
| St George ARS Annual General Meeting . . . . .      | 5 May            |

|                                                      |           |
|------------------------------------------------------|-----------|
| Fisher's Ghost ARC exam applications close . . . . . | 5 May     |
| WIA (VK2 Division) exam applications close . . . . . | 6 May     |
| Parramatta ARC first meeting . . . . .               | 7 May     |
| WICEN (NSW) Executive Committee meeting . . . . .    | 8 May     |
| St George ARC exams . . . . .                        | 8 May     |
| WIA (NSW) Divisional Council meeting . . . . .       | 14 May    |
| WICEN Coordinators Conference at Goulburn . . . .    | 15-16 May |

#### CLUB NEWS

The New South Wales chapter of the ROYAL NAVAL AMATEUR RADIO SOCIETY will hold its monthly meeting at the home of Les VK2ALH, on Monday 19th April, starting at 10:30am. All members and interested parties are invited to attend. For details, please ring Casey on (02) 520-4424.

-- Casey VK2CWS

Members of the GLADESVILLE AMATEUR RADIO CLUB are reminded that their deferred Annual General Meeting will be held on Monday night, 19th April, at the usual venue.

The MID SOUTH COAST AMATEUR RADIO CLUB will hold its quarterly family gathering, barbecue, and meeting on Saturday, 1st May. The venue is the Hancock Ranch, Little Forest Road, Milton. Turn inland off the Prince's Highway 3 kms north of Milton and follow the "H" Ranch signs.

The club provides barbecue facilities, tea, coffee, and afternoon tea. Why not bring the whole family?

-- Ben VK2AJE, Honorary Secretary

#### NEW RADIO CLUB

A new club for Amateur Radio and Electronics enthusiasts is being established in Parramatta, and will hold its first meeting on Friday, 7th May, at Amateur Radio House, 109 Wigram Street Parramatta. The meeting starts at 7pm, and a

ver ywarm welcome is extended to everyone who cares to come along, whether they be current enthusiasts, or just interested in what the club has to offer.

The brain-child of the Wigram Street Amateur Radio Class of 1992, the new club will fill a real need in Parramatta and surrounding districts. It will provide an opportunity for Electronics and Amateur Radio enthusiasts to meet and share some of the more practical aspects of the hobby.

Come to the PARRAMATTA AMATEUR RADIO CLUB meeting on 7th May at 7pm, at 109 Wigram Street, Parramatta, and share your hobby with other enthusiasts.

-- Danny Brem VK2TAU

The CAIRNS AND TABLELANDS AMATEUR RADIO CLUBS advise us that their Far North Queensland Biennial Convention will take place this year, between the 24th and 26th September, at Trinity Beach, about 15 minutesdrive from Cairns. If you plan to be up that neck of the woods in late September, and you'd like to attend the convention, you can write to the clubs at PO Box 1215, Cairns 4870.

#### BROADCAST ROSTER

Next Sunday morning: Ian VK2WR and Dave VK2KFU  
Next Sunday evening: Bob VK2JHR and Peter VK2CZX

Don't forget you can meet the candidates for the next Divisional Council this Wednesday evening. The Divisional Office is open from 11am to 2pm, Monday to Friday, and 7 to 9pm Wednesday nights. The phone is answered from 12 noon to 1pm during the day, and you can leave a message on the answering machine outside these hours.

News highlights are also available on the divisional voice mailbox on (02) 552-5188, and you can leave a message afterwards if you wish.

Items for inclusion in this bulletin may be sent by mail to Post Office Box 1066, Parramatta 2124; by fax on (02) 633-1525, or by packet radio to "VK2WI at VK2RWI", to reach us by 7pm on the Friday prior to the broadcast.

VK2WI Weekly News, 18th April 1993. Copyright 1993 WIA (NSW) and contributors. Extracts from this bulletin may be used elsewhere provided the source is acknowledged.

--  
Richard P. Murnane "Making it up? Making it up? Why should  
Internet: richardm@runx.oz.au I want to make anything up? Life's bad  
UUCP: uunet!runx.oz.au!richardm enough without inventing more of it."  
Packet: VK2SKY @ VK2RWI.NSW.AUS.OC - Marvin the Paranoid Android

Date: Sat, 17 Apr 1993 13:09:58 GMT  
From: elroy.jpl.nasa.gov!swrindle!emory!wa4mei!ke4zv!gary@ames.arpad  
To: info-hams@ucsd.edu

References <m1q12B1w165w@lakes.trenton.sc.us>, <1993Apr16.125529.6931@ke4zv.uucp>, <rbolt-160493153633@128.183.16.116>#  
Reply-To : gary@ke4zv.UUCP (Gary Coffman)  
Subject : Re: 9913 Equivalent Water Trouble

In article <rbolt-160493153633@128.183.16.116> rbolt@postman.gsfc.nasa.gov (Dick Bolt) writes:

>In article <1993Apr16.125529.6931@ke4zv.uucp>, gary@ke4zv.uucp (Gary  
>Coffman) wrote:

>> I've had the best luck with 9913 by putting a glob of vacuum grease in  
>> the cable before installing the connector, crimp type Kings N male, and  
>> using 3M 33 tape followed by a layer of self vulcanizing tape over the  
>> connection. Coax Seal is a mess, and not a terrific seal either. You  
>> should be able to achieve an air tight seal using my method. That'll  
>> keep the humidity out as well as the water.

>  
>Yea Gary. I put a glop of RTV/Silicone sealer in the cable end hole and in  
>the connector seal. Also taped over afterward. Fingers are crossed tight  
>for 6 & 2 meters. DICK

Oh dear, that's not good. RTV contains acetic acid, that vinegar smell, and it's very corrosive to copper. You shouldn't use that around electrical wiring.

Gary

--  
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary  
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary  
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